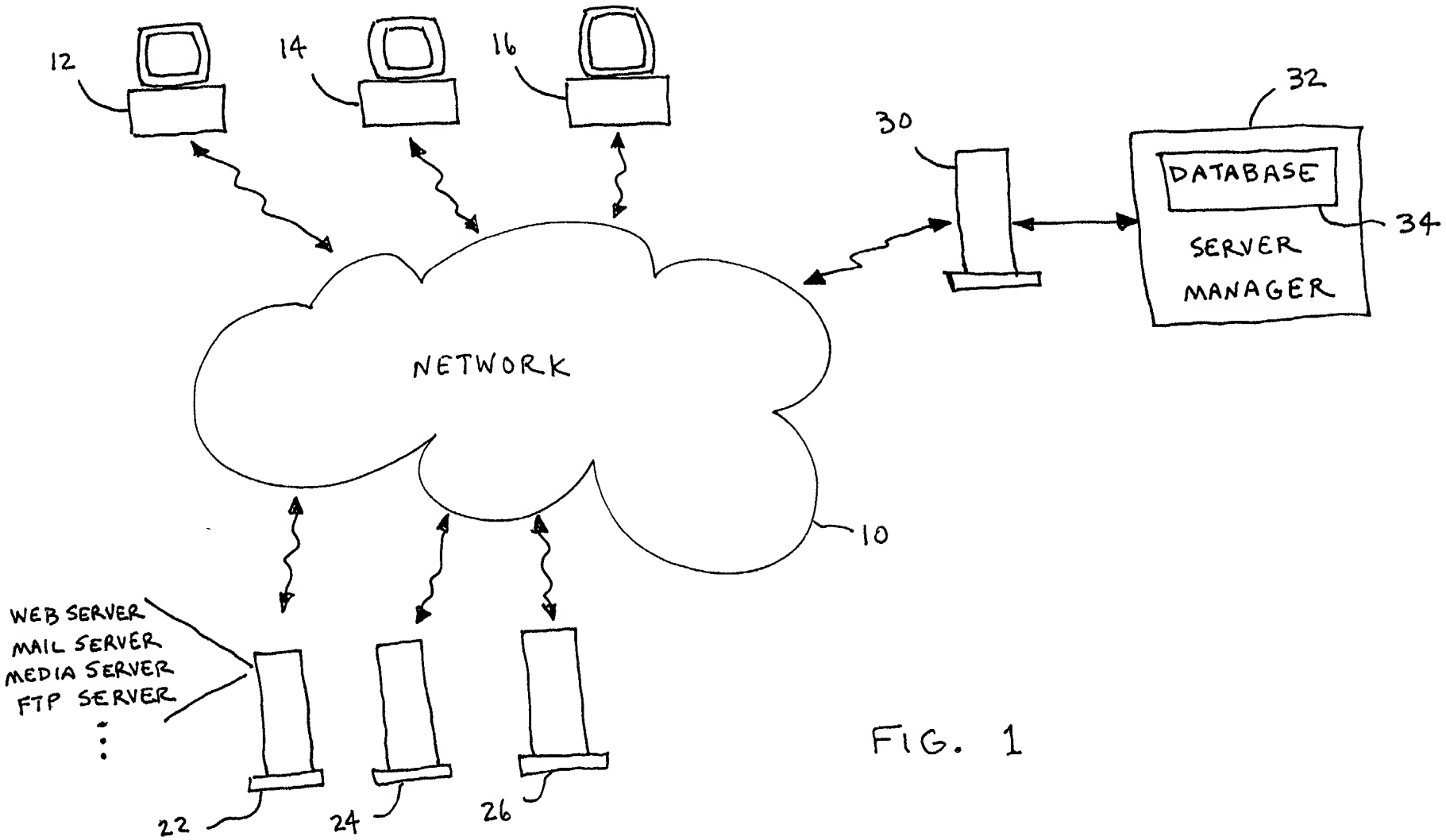

12
14
16
30
32
DATABASE
34
SERVER
MANAGER
NETWORK
10
WEB SERVER
MAIL SERVER
MEDIA SERVER
FTP SERVER
22
24
26

FIG. 1

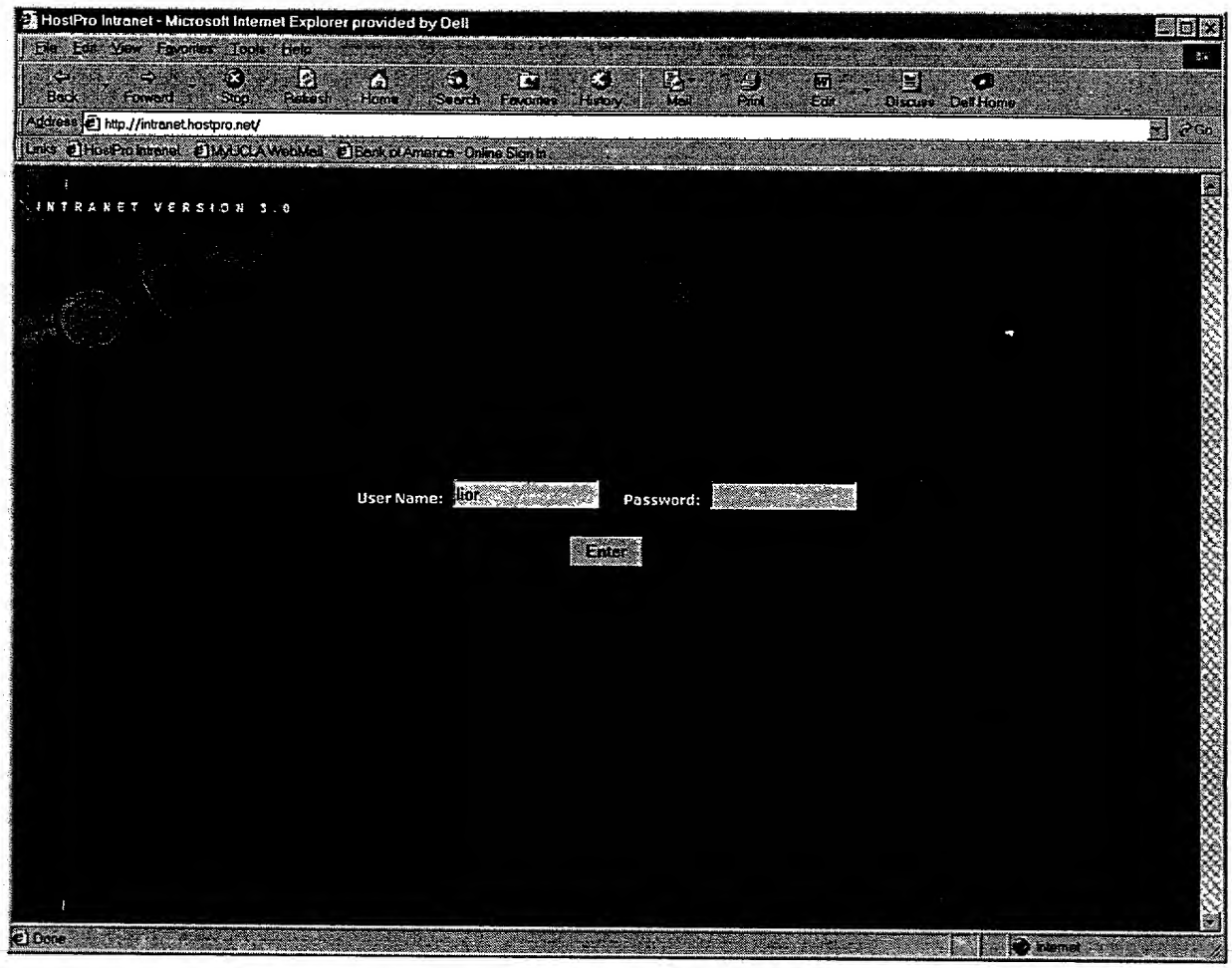

HostPro Intranet - Microsoft Internet Explorer provided by Dell
File Edit View Favorites Tools Help
Back Forward Stop Refresh Home Search Favorites History Mail Print Edit Discuss Dell Home
Address http://intranet.hostpro.net/
Links HostPro Intranet MyUCLA WebMail Bank of America - Online Sign In
INTRANET VERSION 3.0
User Name:
Password:
Enter
Done
Internet

FIG. 2

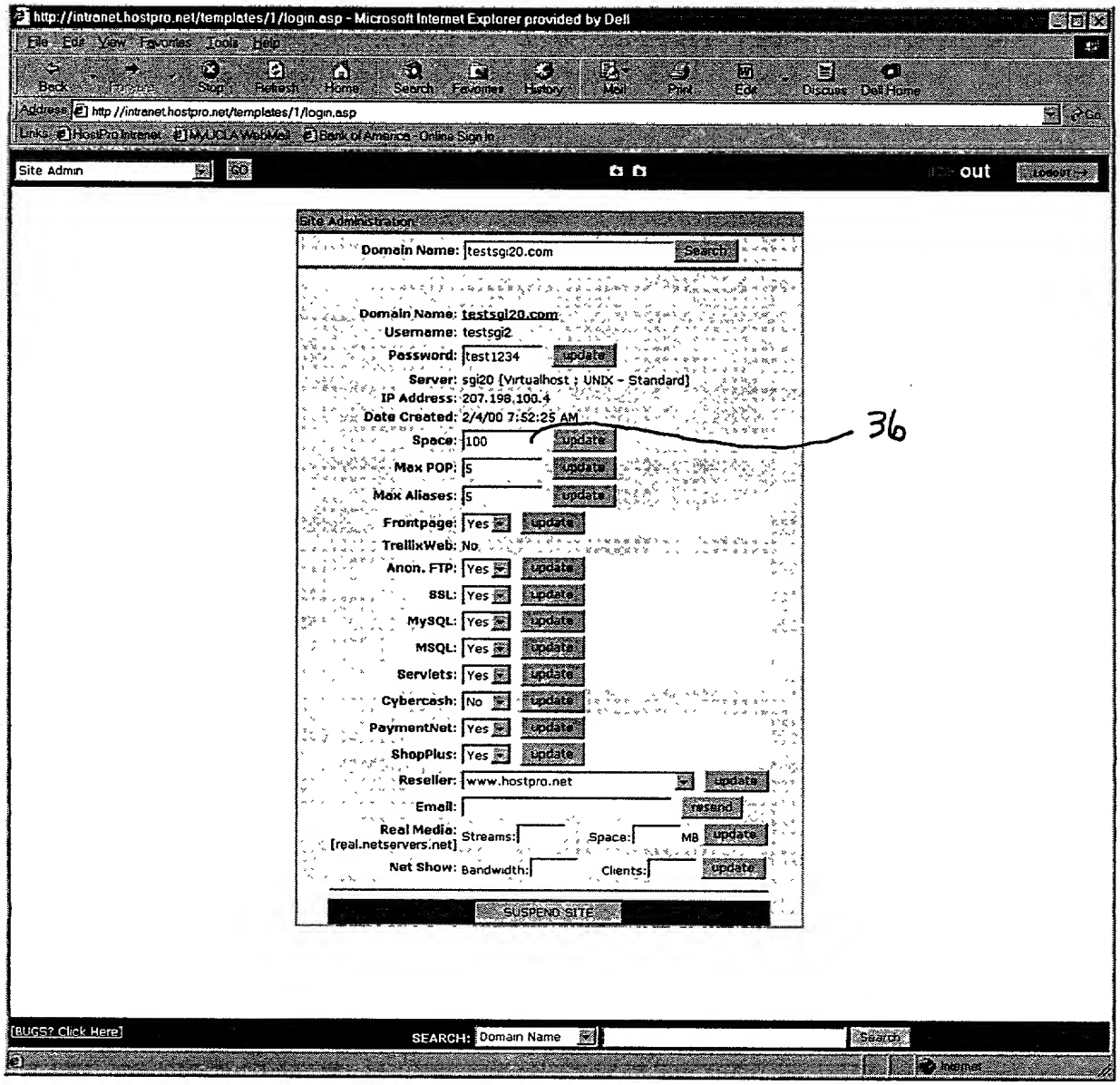

http://intranet.hostpro.net/templates/1/login.asp - Microsoft Internet Explorer provided by Dell
Site Admin
out
Site Administration
Domain Name: testsgi20.com
Search
Domain Name: testsgi20.com
Username: testsgi2
Password: test1234
update
Server: sgi20 (Virtualhost ; UNIX - Standard)
IP Address: 207.198.100.4
Date Created: 2/4/00 7:52:25 AM
Space: 100
Max POP: 5
Max Aliases: 5
Frontpage: Yes
TrellixWeb: No
Anon. FTP: Yes
SSL: Yes
MySQL: Yes
MSQL: Yes
Servlets: Yes
Cybercash: No
PaymentNet: Yes
ShopPlus: Yes
Reseller: www.hostpro.net
Email:
resend
Real Media: [real.netservers.net]
Streams:
Space:
MB
Net Show:
Bandwidth:
Clients:
SUSPEND SITE
36
[BUGS? Click Here]
SEARCH:
Domain Name
Search

FIG. 3

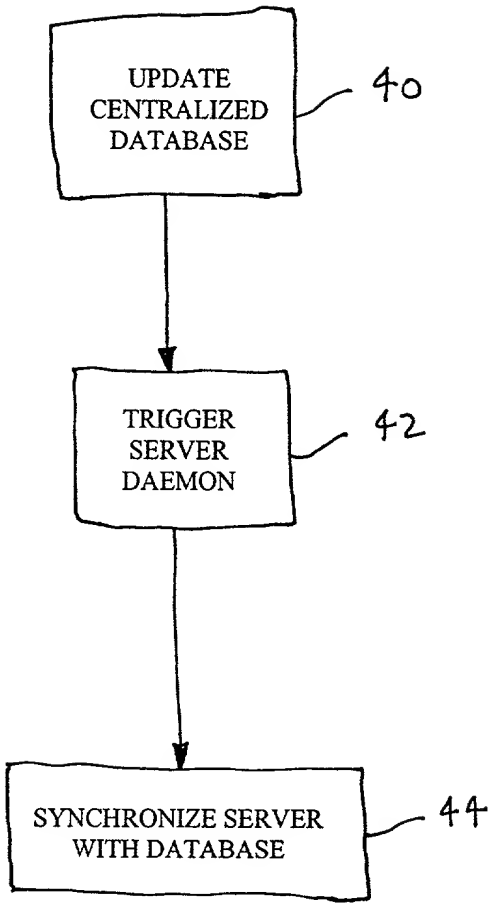

UPDATE CENTRALIZED DATABASE
40
TRIGGER SERVER DAEMON
42
SYNCHRONIZE SERVER WITH DATABASE
44

FIG. 4

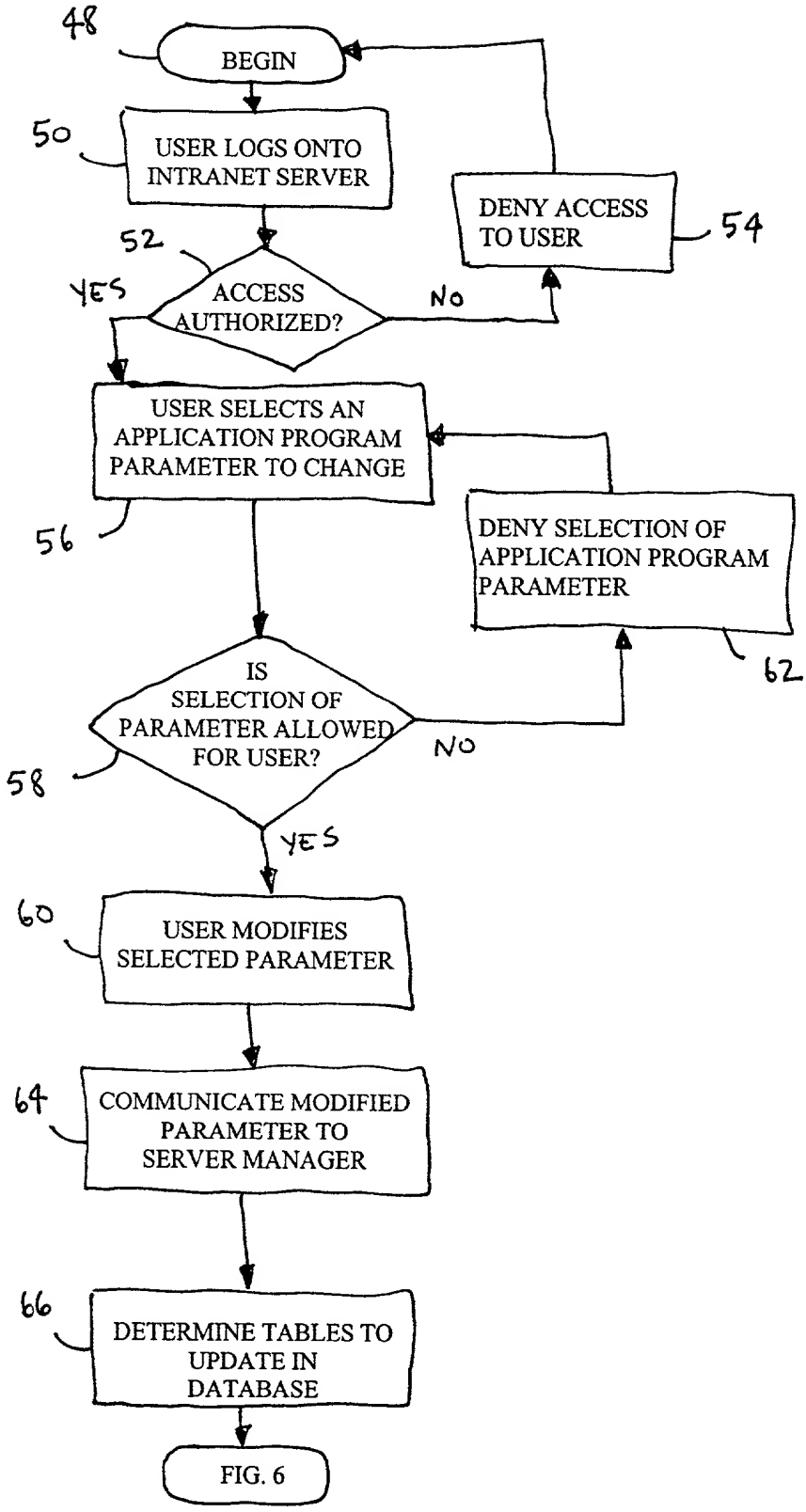

48
BEGIN
50
USER LOGS ONTO INTRANET SERVER
52
ACCESS AUTHORIZED?
YES
NO
DENY ACCESS TO USER
54
USER SELECTS AN APPLICATION PROGRAM PARAMETER TO CHANGE
56
DENY SELECTION OF APPLICATION PROGRAM PARAMETER
62
IS SELECTION OF PARAMETER ALLOWED FOR USER?
58
NO
YES
60
USER MODIFIES SELECTED PARAMETER
64
COMMUNICATE MODIFIED PARAMETER TO SERVER MANAGER
66
DETERMINE TABLES TO UPDATE IN DATABASE

FIG. 6

FIG. 5

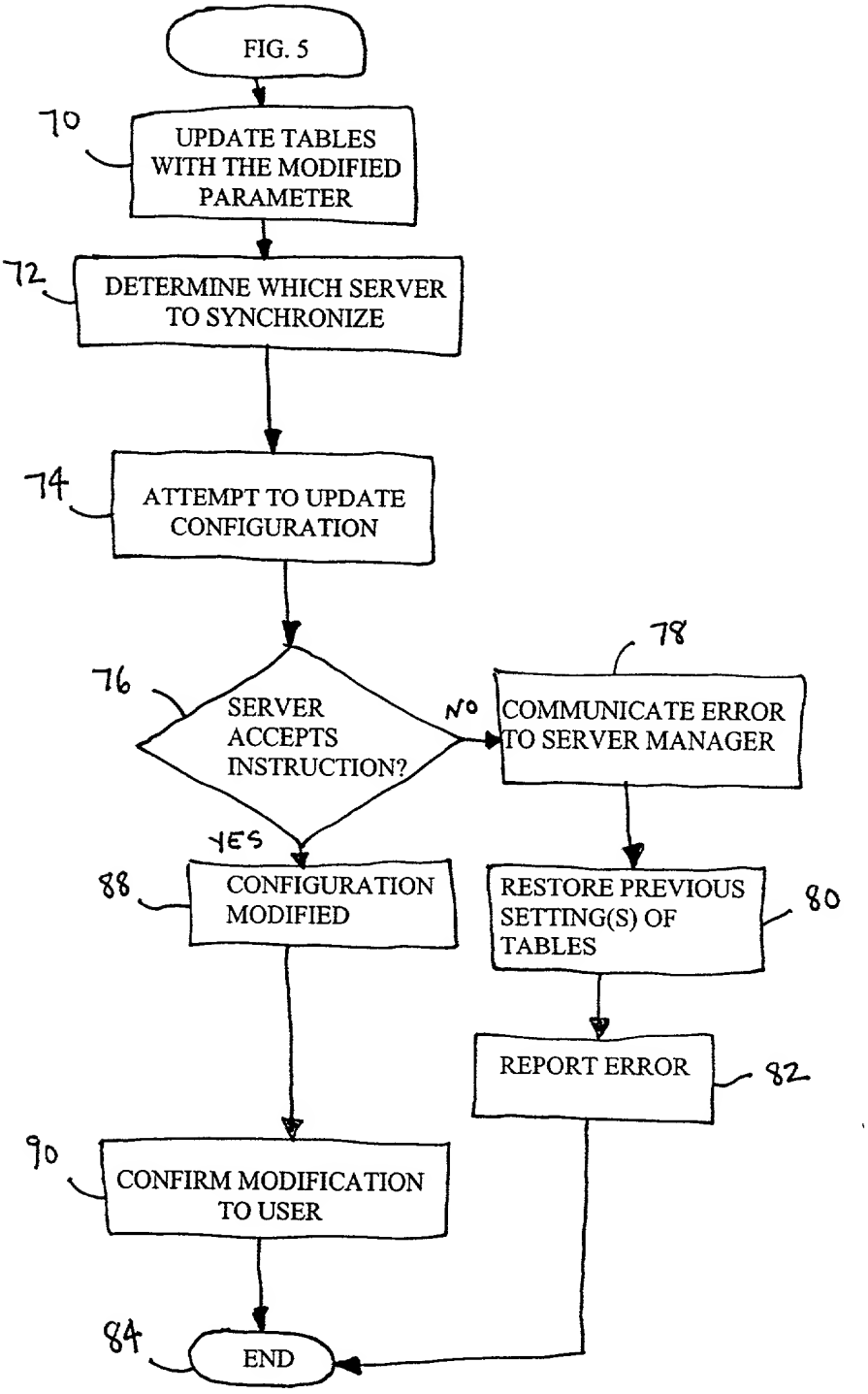


FIG. 5
70
UPDATE TABLES WITH THE MODIFIED PARAMETER
72
DETERMINE WHICH SERVER TO SYNCHRONIZE
74
ATTEMPT TO UPDATE CONFIGURATION
76
SERVER ACCEPTS INSTRUCTION?
NO
78
COMMUNICATE ERROR TO SERVER MANAGER
YES
88
CONFIGURATION MODIFIED
RESTORE PREVIOUS SETTING(S) OF TABLES
80
REPORT ERROR
82
90
CONFIRM MODIFICATION TO USER
84
END

FIG. 6

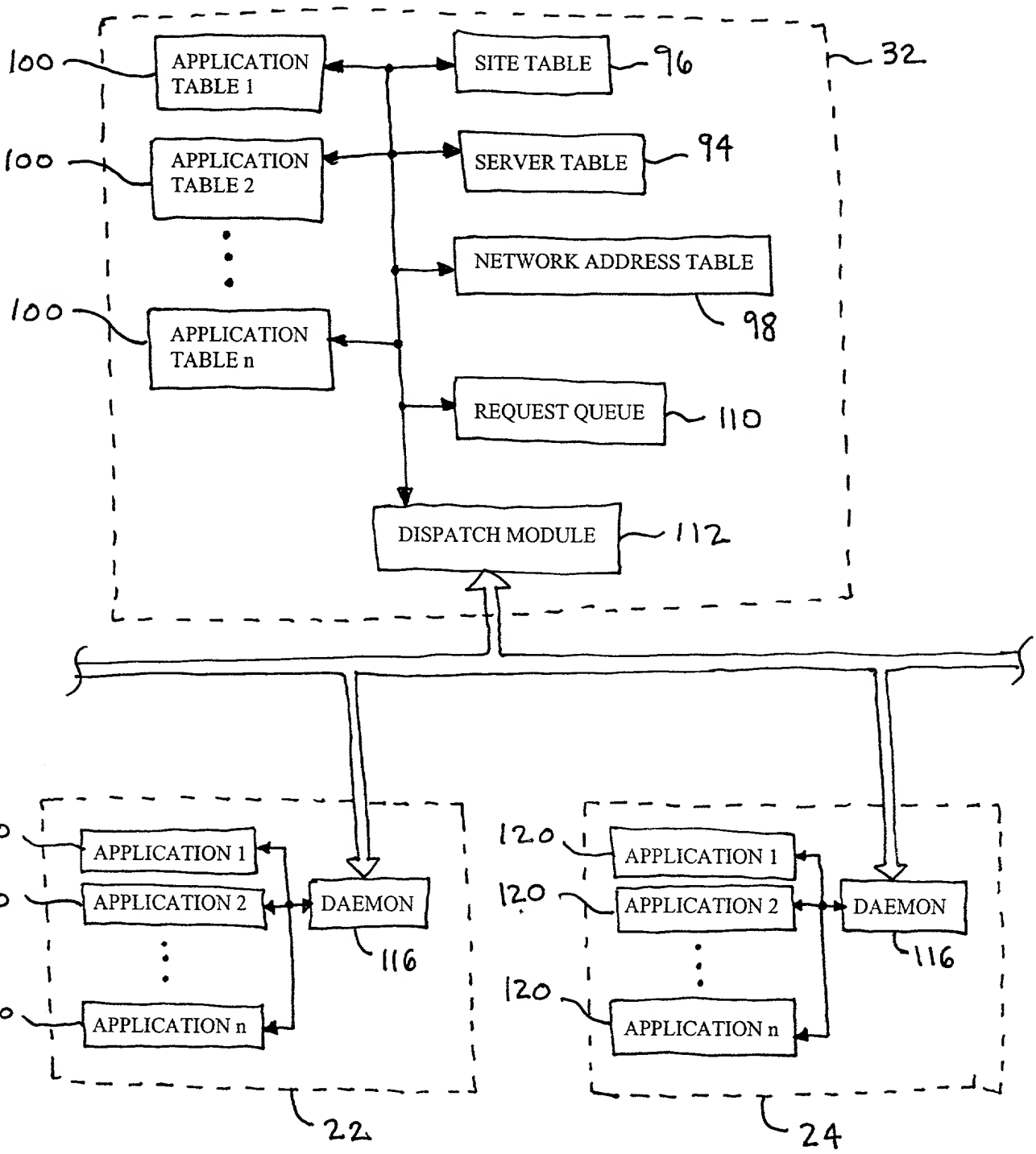

100
APPLICATION TABLE 1
100
APPLICATION TABLE 2
100
APPLICATION TABLE n
SITE TABLE
96
32
SERVER TABLE
94
NETWORK ADDRESS TABLE
98
REQUEST QUEUE
110
DISPATCH MODULE
112
120
APPLICATION 1
120
APPLICATION 2
120
APPLICATION n
DAEMON
116
22
120
APPLICATION 1
120
APPLICATION 2
120
APPLICATION n
DAEMON
116
24

FIG. 7

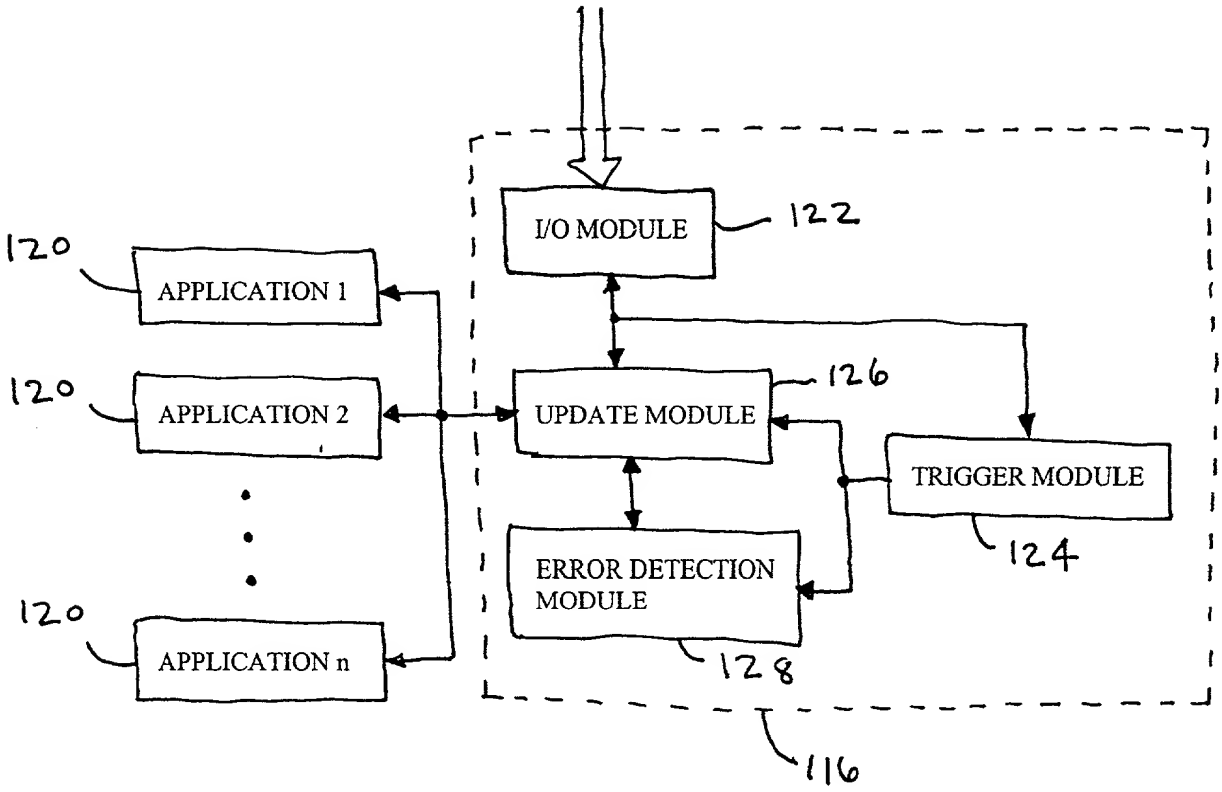
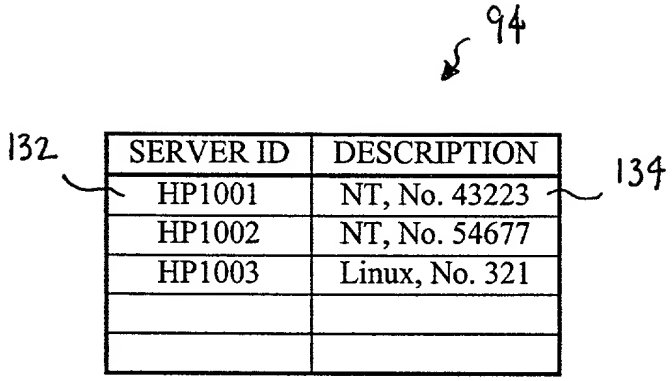
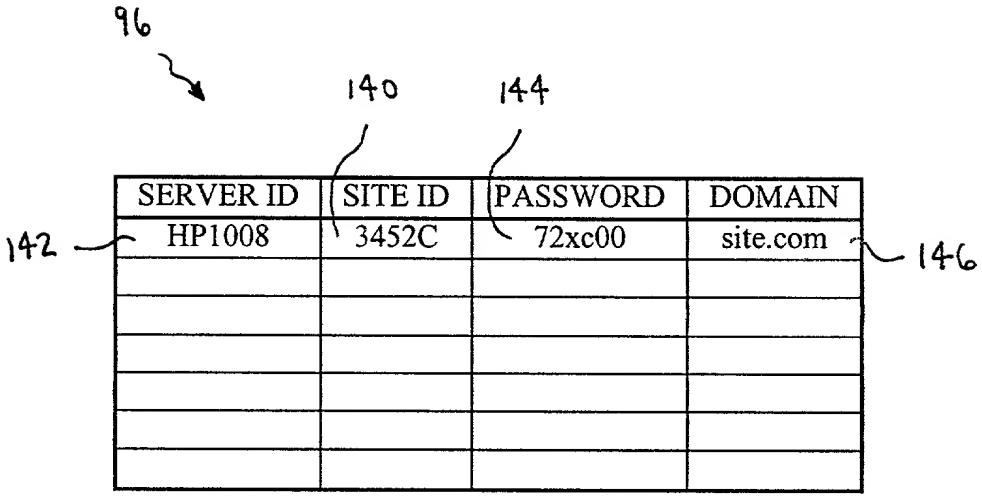

I/O MODULE
122
120
APPLICATION 1
120
APPLICATION 2
126
UPDATE MODULE
TRIGGER MODULE
124
ERROR DETECTION MODULE
120
APPLICATION n
128
116

FIG. 8



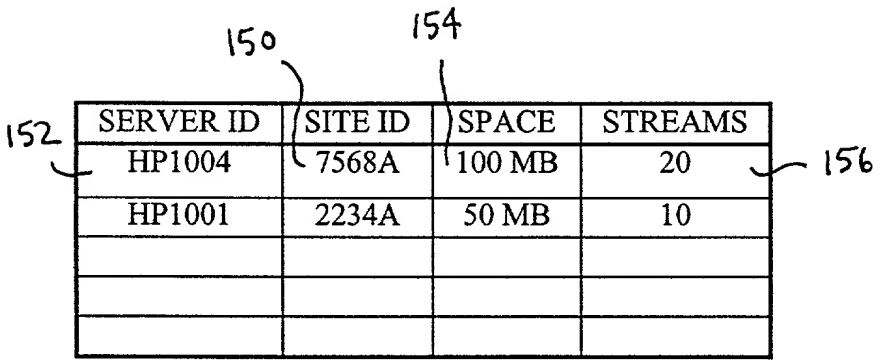
SERVER TABLE

FIG. 9



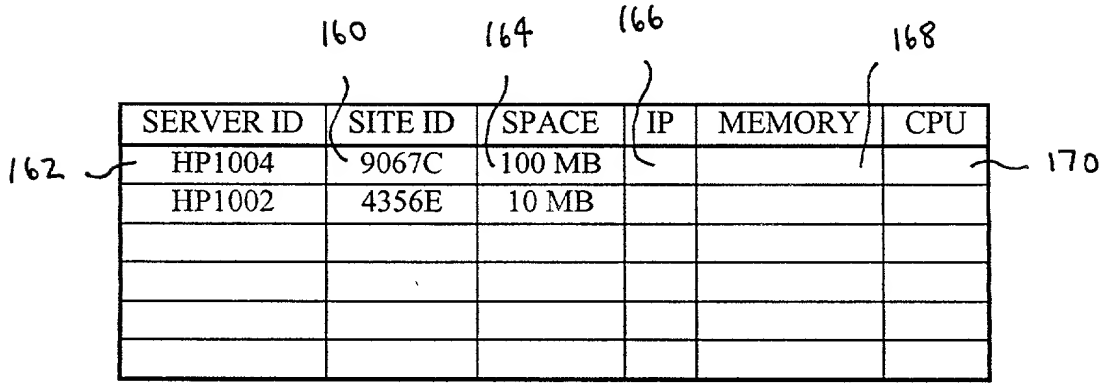
SITE TABLE

FIG. 10



MEDIA SERVER TABLE

FIG. 11



WEB SERVER TABLE

FIG. 12

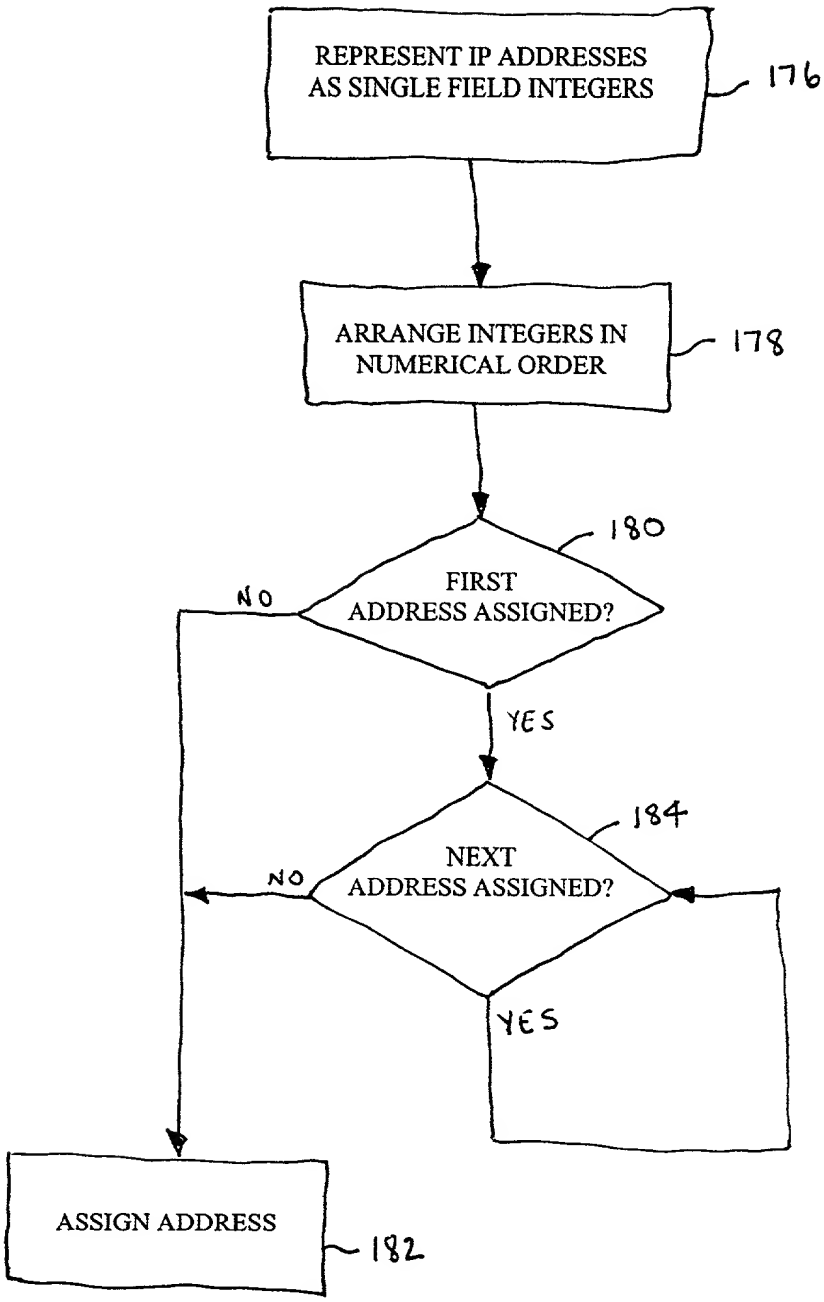

REPRESENT IP ADDRESSES AS SINGLE FIELD INTEGERS
176
ARRANGE INTEGERS IN NUMERICAL ORDER
178
180
FIRST ADDRESS ASSIGNED?
NO
YES
184
NEXT ADDRESS ASSIGNED?
NO
YES
ASSIGN ADDRESS
182

FIG. 13